

BALDOR® • RELIANCE

Product Information Packet

EM4468T

60HP,890RPM,3PH,60HZ,405T,TEFC,F1

Part Detail							
Revision:	-	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A40060M	Elec. Spec:	A40WG0790	CD Diagram:	416820-002
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617429-001
Frame:	405T	Mounting:	F1	Poles:	08	Created Date:	04-02-2015
Base:		Rotation:	R	Insulation:	B	Eff. Date:	04-06-2015
Leads:	3#4,6#6					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2496L

MOBIL POLYREX EM

Nameplate NP2349L

SPEC NO.	A40-6568-0790		CAT.NO.	EM4468T		FRAME	405T	
HP	60	VOLTS	230/460		PHASE	3	DESIGN	B
RPM	890	AMPS	152/76		HZ	60	AMB	40
DRIVE END BEARING	80BC03J30X		DUTY	CONT		SF	1.15	
OPP D.E. BEARING	80BC03J30X		ENCL	TEFC		INSUL.CLASS	F	
SER.NO.			POWER FACTOR	79		NEMA-NOM-EFFICIENCY	93	
						MAX CORR KVAR	20	
						NEMA NOM/CSA QUOTED EFF		
						GUARANTEED EFFICIENCY	91.7	
						MOTOR WEIGHT	1216	

Parts List		
Part Number	Description	Quantity
SA296094	SA A40-6568-0790	1.000 EA
RA282145	RA A40-6568-0790	1.000 EA
421948032	LABEL, MYLAR	1.000 EA
NP2496L	MOTOR LUBE NAMEPLATE	1.000 EA
000613006PU	N/P (RELEASE QTY 10,000) UL CSA LABEL	1.000 EA
000692000FF	N/P	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
NP2349L	SUPER-E ,SS, CSA, CSA SUPER-E	1.000 EA
089412501A	BRKT FTMT G400 FIN MACH 6316 89412500WCA	1.000 EA
083198124	G400 STD FAN COVER MACH. 083198101A	1.000 EA
034180012DA	KEY 1X4X1/4X1-1/2 L	1.000 EA
702618004T	FAN KB 182/70 (112) 440	1.000 EA
004824015A	GREASE POLYREX EM	0.880 LB
032018020EK	HHCS 5/8-11X2-1/2 PLTD.	4.000 EA
032018010CK	HHCS 3/8-16X1-1/4 PLTD.	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
410700000DA	WAVY SPRING WASHER	1.000 EA
034000014AB	WSH ID.406 OD.812 TH.065	4.000 EA
034530056BB	P/NIP 1/4X7 SCHED 40	1.000 EA
034530052AB	P/NIP 1/8X6-1/2 GALV.	1.000 EA
034690005AB	PPLG 3/4 PLATED	1.000 EA
034690001AB	SQHDPLG, COND	1.000 EA
034690001AB	SQHDPLG, COND	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
034631002AB	BUSH 1/4 TO 1/8 PLTD.	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
034690001AB	SQHDPLG, COND	1.000 EA
089412501A	BRKT FTMT G400 FIN MACH 6316 89412500WCA	1.000 EA
032018020EK	HHCS 5/8-11X2-1/2 PLTD.	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
077176000L	C/BOX, PAINTED 360-400	1.000 EA
077176001A	CBOXC, PAINTED 360-400	1.000 EA
043292000AJ	GASK 320-400	1.000 EA
402731001A	GASK 360-440	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
032018005AK	HHCS 1/4-20X5/8 PLATED	4.000 EA
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
033512004LB	HHTTS 1/4-20X1/2 PLTD.	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
MG1025Y03	WILKOFAS, 789.701, SUPER E PEARL GOLD	2.000 QT
033775004EA	DRSCR #6-1/4 304 S.S.	2.000 EA
034180044JA	KEY 3/4X3/4X5-1/2 L	1.000 EA
604797045	STD. 400 FRAME SKID	1.000 EA
032510024D	CARRIAGE BOLT - 444	2.000 EA

Product Information Packet: EM4468T - 60HP,890RPM,3PH,60HZ,405T,TEFC,F1

034001014AB	FLAT WASHER 3/8"PLATED	2.000 EA
034001016AB	WSHR .562ID 1.375OD .109	2.000 EA
033300014AC	HEX NUT, SHIPPING - 400	2.000 EA
604797003C	SHIPPING BAG	1.000 EA

Printed on 2/2/11 12:35 @ usmgchengdev1

DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED

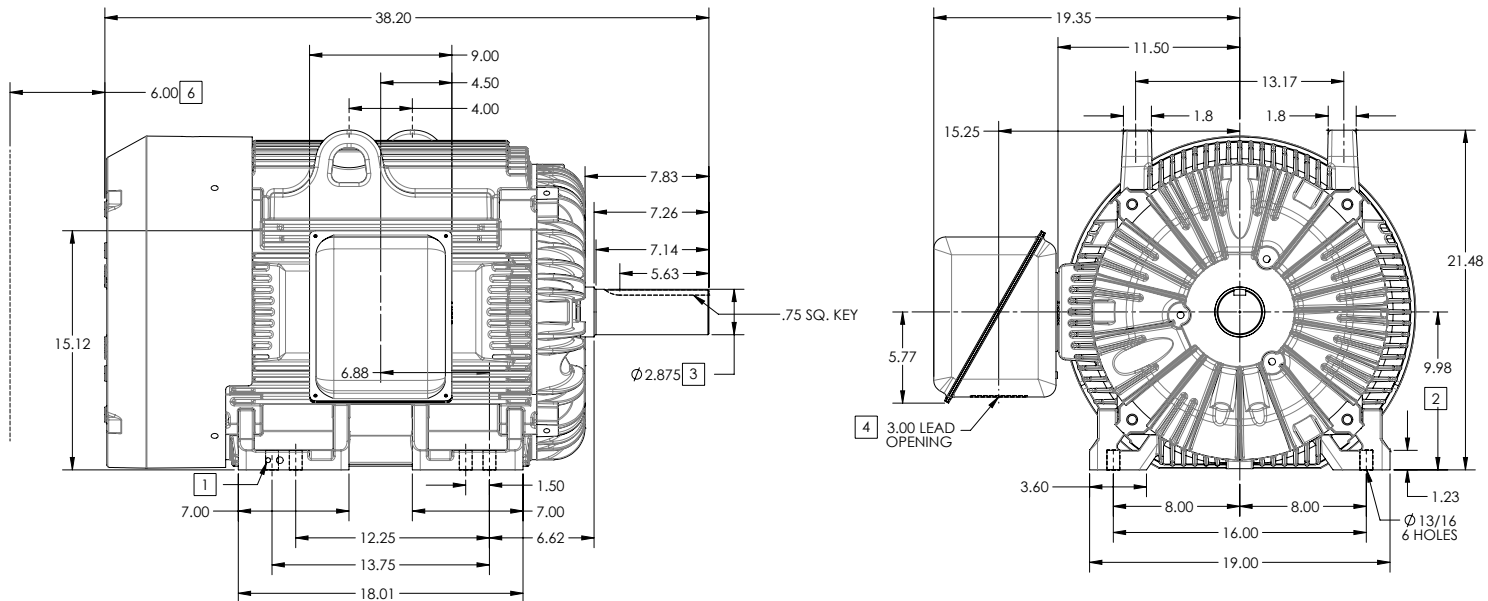
FRAME G405T ABOVE NEMA RATINGS

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES 404T FRAME MOUNTING HOLES

STANDARD INDUSTRIAL ENCLOSURE



1. GROUND HOLES QTY 1 1/2-13 TAP; QTY 1 3/8-16 TAP
2. VARIES +.00-.-06
3. VARIES +.000-.-001
4. ON STANDARD MOTORS THIS IS CONDUIT SIZE. ON XT AND CORROSION PROOF MOTOR THIS IS PIPE TAP.
5. MOTOR WEIGHTS MAY VARY BY 15% DEPENDING ON RATING.
6. OBSTRUCTION MUST NOT ENCRATCH ON AIR INLET

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF
STANDARD SHAFT EXTENSION IS .003" T.I.R. TO 5 INCH DIA.

5 WEIGHT (LBS): 1350

DIMENSIONS ARE IN INCHES; SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC:CHANGE BA FROM 6.76 TO 6.62			
REV: B	VERSION: 02	REVISED:11:40:02 04/14/2014	TDR: 000000848770
MODEL NO. 617429-001			REF:
BY: MGHJ/MZ	Material:		C

BALDOR®

G405T/404T STD - FOOTED - STANDARD ENCLOSURE

DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED

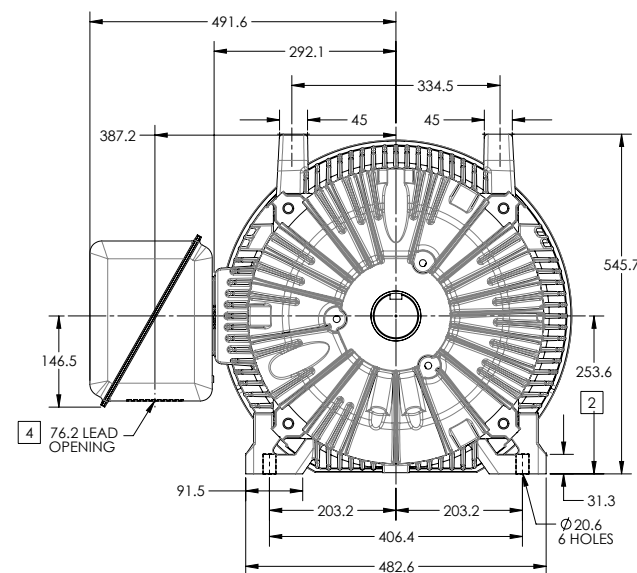
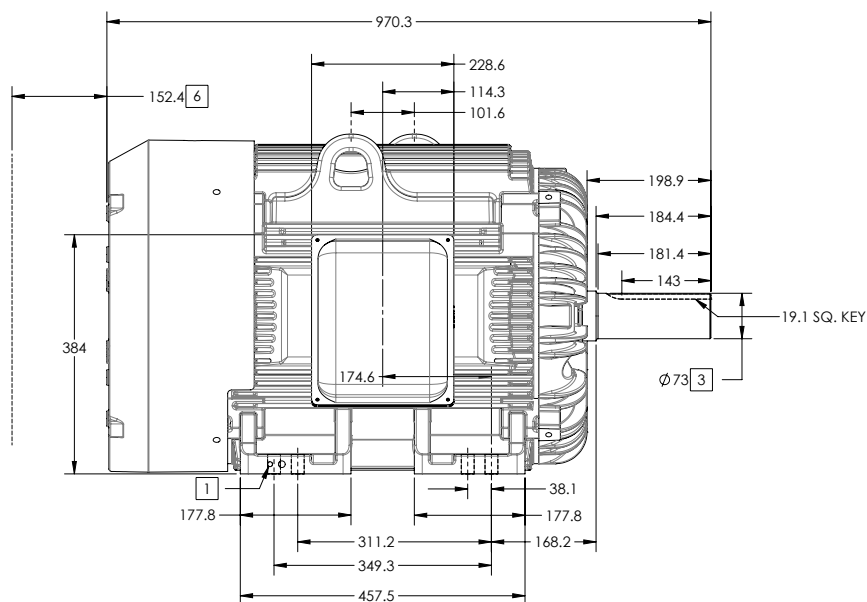
FRAME G405T ABOVE NEMA RATINGS

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES 404T FRAME MOUNTING HOLES

STANDARD INDUSTRIAL ENCLOSURE



1. GROUND HOLES QTY 1 1/2-13 TAP; QTY 1 3/8-16 TAP
2. VARIES +0,-1.5
3. VARIES +00,-.03
4. ON STANDARD MOTORS THIS IS CONDUIT SIZE. ON XT AND CORROSION PROOF MOTOR THIS IS PIPE TAP.
5. MOTOR WEIGHTS MAY VARY BY 15% DEPENDING ON RATING.
6. OBSTRUCTION MUST NOT ENCR OACH ON AIR INLET

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF
STANDARD SHAFT EXTENSION IS .08 MM T.I.R. TO 127 MM DIA.

5 WEIGHT (KGS): 620

DIMENSIONS ARE IN MILLIMETERS; SEE SHEET 1 FOR DIMENSIONS IN INCHES

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER
2 OF 2

100-672119

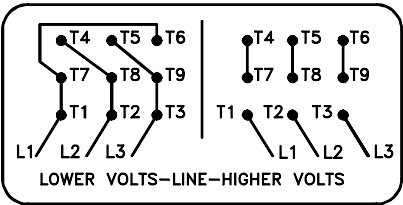
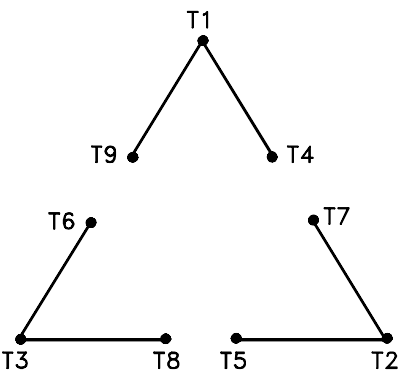
REV. DESC: CHANGE BA FROM 6.76 TO 6.62	
REV: B	VERSION: 02
MODEL NO. 617429-001	REVISED: 11-30-02 04/14/2014
BY: MGH/MZ2	TDR: 000000848770
Material:	REF:

BALDOR

G405T404T STD - FOOTED - STANDARD ENCLOSURE

416820-002

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

416820-002

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\661		REVISED: 10: 47: 51 04/30/2010
MTL: -		BY: RAGRA

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CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED	
SH 1 of 1	

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